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REVOCATION AND POWER OF ATTORNEY
CERTIFICATE UNDER 37 CFR § 3.73(b)
&
CHANGE OF CORRESPONDENCE ADDRESS

Commissioner for Patents
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Alexandria, VA 22313-1450

In accordance with 37 C.F.R. Section 1.36, M.P.E.P. Section 402.05 and 402.07, please revoke any existing Powers of Attorney, if any, for the below listed applications, and appoint the following attorneys and/or patent agents to prosecute these applications and to transact all business in the Patent and Trademark Office in connection therewith:

Customer Number: 21186

<u>Appl. Serial</u> <u>No.:</u>	<u>Filing Date</u>	<u>Applicant</u>	<u>Reel/Frames</u>	<u>Recording</u> <u>Date</u>
11/080,591	Mar 15, 2005	Chris Wright, etal	022520/0919-0933	04/06/2009
11/111,627	Apr 21, 2005	James E. Uhl, etal	022520/0919-0933	04/06/2009
60/553,876	Mar 16, 2004	Chris Wright, etal	022520/0919-0933	04/06/2009
60/564,055	Apr 21, 2004	James E. Uhl, etal	022520/0919-0933	04/06/2009
11/568,056	Oct 18, 2006	James E. Uhl, etal	022520/0919-0933	04/06/2009
12/026,830	Feb 6, 2008	Eric Davis, etal	022520/0919-0933	04/06/2009
11/752,765	May 23, 2007	Norman Warpinski, etal	022520/0919-0933	04/06/2009
60/503,027	Sep 15, 2003	Gordon G. Sorrells, etal	022520/0919-0933	04/06/2009
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60/881,284	Jan 19, 2007	David Bowles, etal	022520/0919-0933	04/06/2009

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Halliburton Energy Services, Inc. hereby certifies that it is the assignee of the entire right, title and interest in the patent applications identified above by virtue of assignments from the inventor(s) of the patent applications identified above. To the best of my knowledge and belief, titles are in Halliburton Energy Services, Inc., the assignee.

Pursuant to 37 C.F.R. § 3.73(b) I hereby declare that I am empowered to sign this certificate on behalf of Halliburton Energy Services, Inc., the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true.

Please direct all correspondence in this case to:

Schwegman, Lundberg & Woessner, P.A.
Customer No. 21186

Date 5/13/2009

By William E. Shull
Name: William E. Shull
Title: Senior Vice President and Chief Patent Counsel

